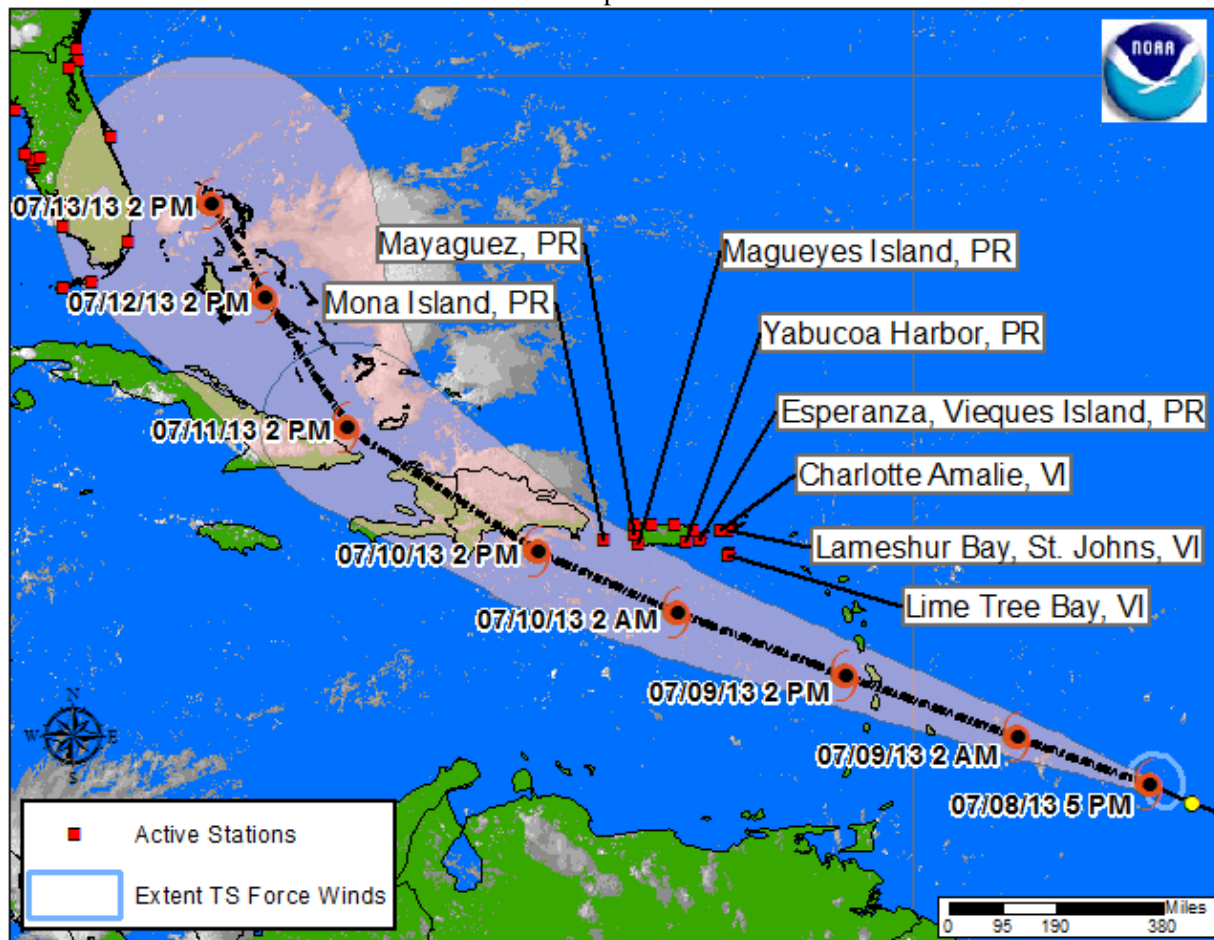


Tropical Storm CHANTAL QuickLook
Posted: 18:30 AST 07/08/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/08/2013 18:30 AST, water levels in the U.S. Virgin Islands and Puerto Rico are at or near predicted tide levels. Winds are light and steady across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Lameshur Bay, St. John, VI: Next predicted high tides are 0.9 ft (0.26 m) at 07/08/2013 22:06 AST and 0.9 ft (0.26 m) at 07/09/2013 22:31 AST.

Lime Tree Bay, VI: Next predicted high tides are 0.7 ft (0.23 m) at 07/08/2013 23:00 AST and 0.7 ft (0.23 m) at 07/09/2013 23:11 AST.

Tropical Storm CHANTAL QuickLook, POSTED 18:30 AST 07/08/2013

Charlotte Amalie, VI: Next predicted high tides are 0.8 ft (0.25 m) at 07/08/2013 22:13 AST and 0.8 ft (0.25 m) at 07/09/2013 22:35 AST.

Esperanza, Vieques Island, PR: Next predicted high tides are 0.8 ft (0.25 m) at 07/08/2013 22:14 AST and 0.8 ft (0.24 m) at 07/09/2013 22:20 AST.

Yabucoa Harbor, PR: Next predicted high tides are 0.7 ft (0.21 m) at 07/08/2013 22:17 AST and 0.7 ft (0.20 m) at 07/09/2013 22:31 AST.

Magueyes Island, PR: Next predicted high tides are 0.7 ft (0.22 m) at 07/08/2013 22:53 AST and 0.7 ft (0.22 m) at 07/09/2013 23:11 AST.

Mayaguez, PR: Next predicted high tides are 1.3 ft (0.41 m) at 07/08/2013 21:33 AST and 0.8 ft (0.25 m) at 07/09/2013 09:15 AST.

Mona Island, PR: Next predicted high tides are 0.9 ft (0.26 m) at 07/08/2013 21:30 AST and 0.9 ft (0.27 m) at 07/09/2013 21:54 AST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CHANTAL ADVISORY NUMBER 4
500 PM AST MON JUL 08 2013

...RECONNAISSANCE AIRCRAFT NEARING CHANTAL...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

A TROPICAL STORM WARNING HAS BEEN ISSUED FOR PUERTO RICO.

A TROPICAL STORM WATCH HAS BEEN ISSUED FOR THE U.S. VIRGIN ISLANDS

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* PUERTO RICO

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* U.S. VIRGIN ISLANDS

* VIEQUES AND CULEBRA

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY

YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 500 PM AST THE CENTER OF TROPICAL STORM CHANTAL WAS LOCATED ABOUT 390 MI ESE OF BARBADOS. CHANTAL IS MOVING TOWARD THE WEST-NORTHWEST NEAR 26 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS. ON THE FORECAST TRACK...THE CENTER OF CHANTAL SHOULD REACH THE LESSER ANTILLES EARLY TUESDAY...MOVE INTO THE EASTERN CARIBBEAN SEA LATER ON TUESDAY...AND BE NEAR THE DOMINICAN REPUBLIC ON WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 60 MILES FROM THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1005 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH PUERTO RICO ON WEDNESDAY.

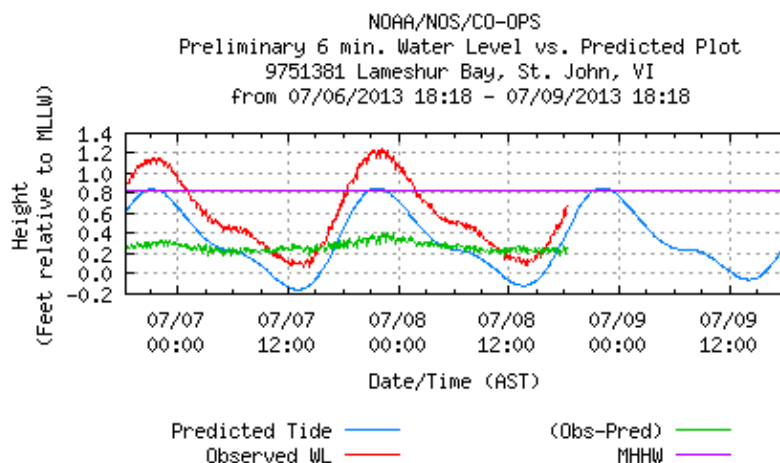
STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 1 TO 3 FEET ABOVE NORMAL TIDE LEVELS IN PUERTO RICO. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY DANGEROUS WAVES.

FORECASTER STEWART

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Lameshur Bay, St. John - Water Level](#), [Lameshur Bay, St. John - Barometric](#), [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Winds](#), [Charlotte Amalie - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Yabucoa Harbor - Water Level](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Mayaguez - Water Level](#), [Mayaguez - Winds](#), [Mayaguez - Barometric](#), [Mona Island - Water Level](#), [Mona Island - Barometric](#)

Lameshur Bay, St. John, VI - Return to List

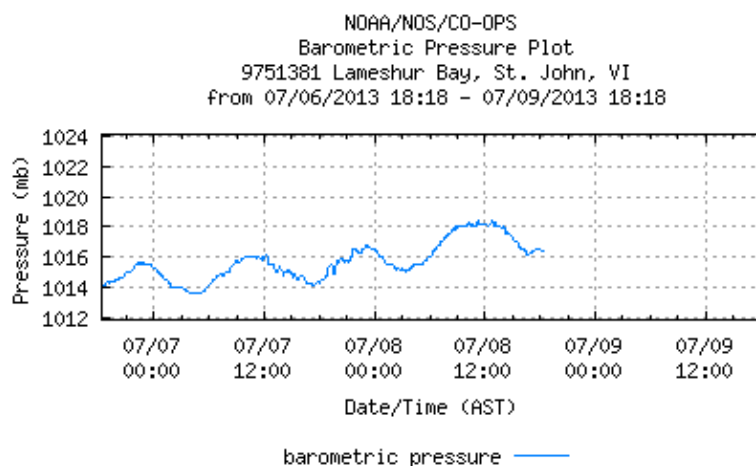


Last Observed Sample: 07/08/2013 18:18 (AST)

Relative to MLLW: **Observed: 0.67 ft.** **Predicted: 0.42 ft.** **Residual: 0.25 ft.**

Historical Maximum Water Level: Aug 30 2010, 1.71 ft. above MLLW

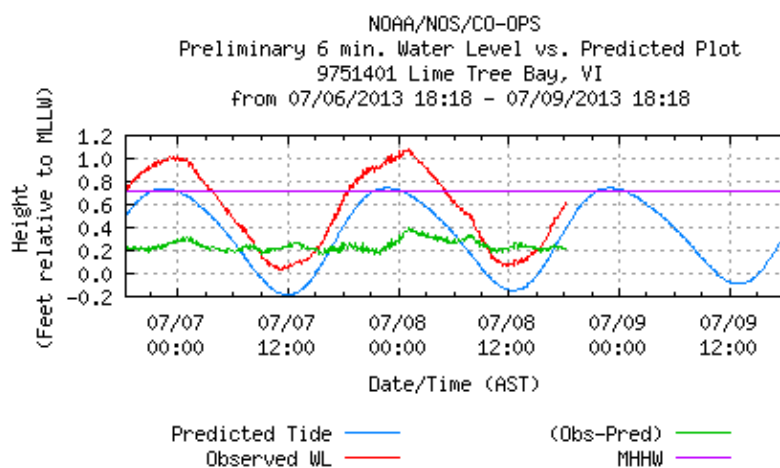
Lameshur Bay, St. John, VI - Return to List



Last Observed Sample: 07/08/2013 18:18 (AST)

Barometric Pressure: 1016.4 mb

Lime Tree Bay, VI - Return to List

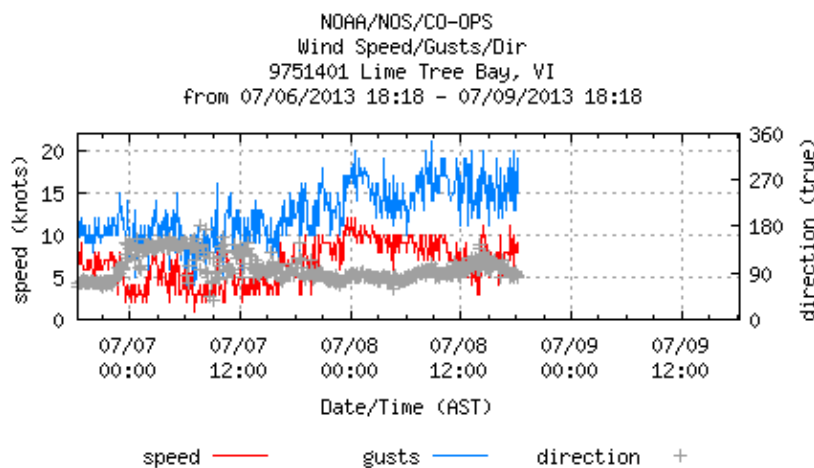


Last Observed Sample: 07/08/2013 18:12 (AST)

Relative to MLLW: **Observed: 0.61 ft.** **Predicted: 0.40 ft.** **Residual: 0.21 ft.**

Historical Maximum Water Level: Nov 17 1999, 2.59 ft. above MLLW

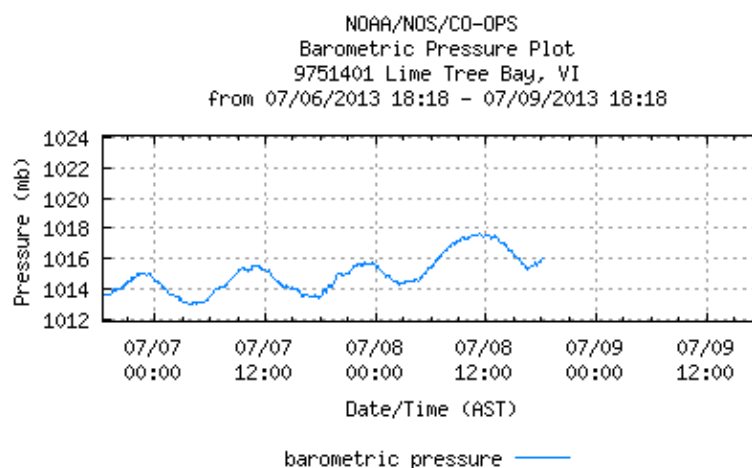
Lime Tree Bay, VI - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)

Wind Speed: 8 knots **Gusts: 15 knots** **Direction: 87° T**

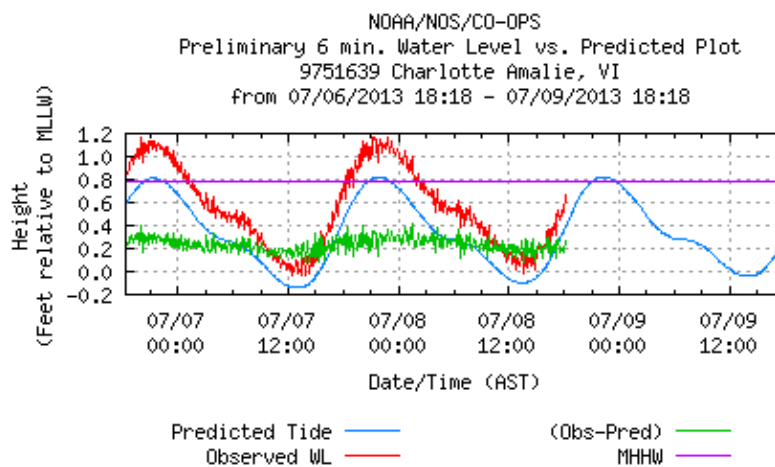
Lime Tree Bay, VI - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)

Barometric Pressure: 1016.0 mb

Charlotte Amalie, VI - Return to List

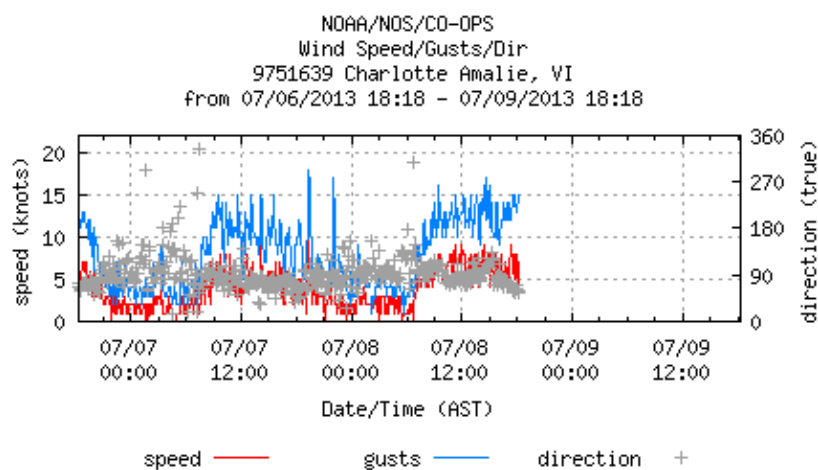


Last Observed Sample: 07/08/2013 18:12 (AST)

Relative to MLLW: Observed: 0.67 ft. Predicted: 0.40 ft. Residual: 0.27 ft.

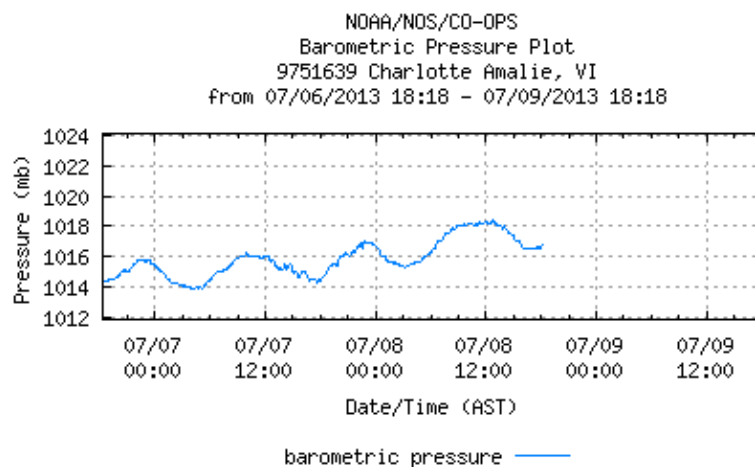
Historical Maximum Water Level: Sep 16 1995, 3.72 ft. above MLLW

Charlotte Amalie, VI - Return to List



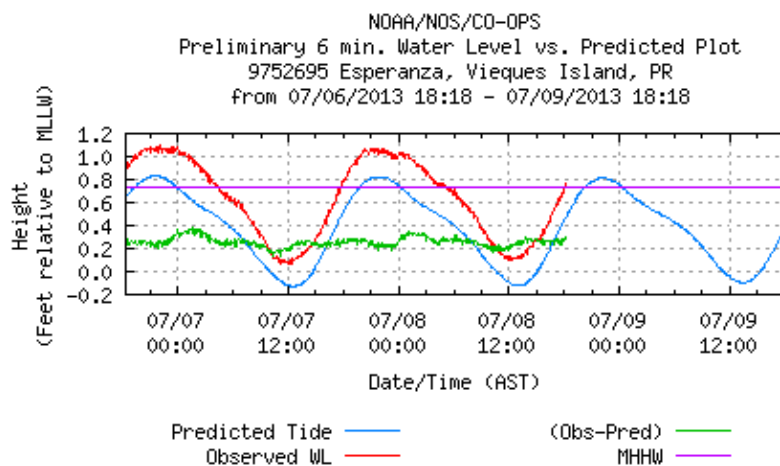
Last Observed Sample: 07/08/2013 18:12 (AST)
Wind Speed: 7 knots Gusts: 14 knots Direction: 59° T

Charlotte Amalie, VI - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)
Barometric Pressure: 1016.8 mb

Esperanza, Vieques Island, PR - Return to List

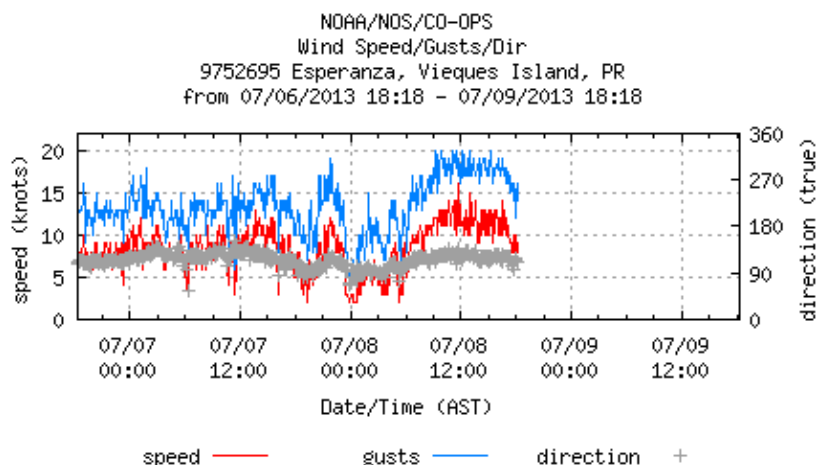


Last Observed Sample: 07/08/2013 18:12 (AST)

Relative to MLLW: **Observed: 0.77 ft.** **Predicted: 0.47 ft.** **Residual: 0.30 ft.**

Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

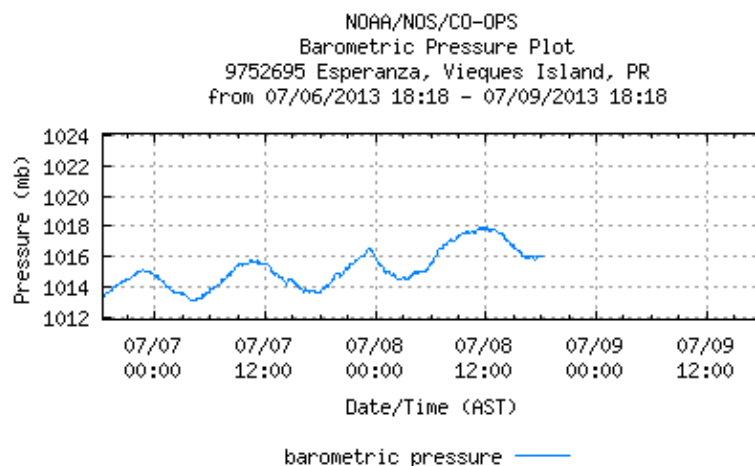
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)

Wind Speed: 8 knots **Gusts: 14 knots** **Direction: 110° T**

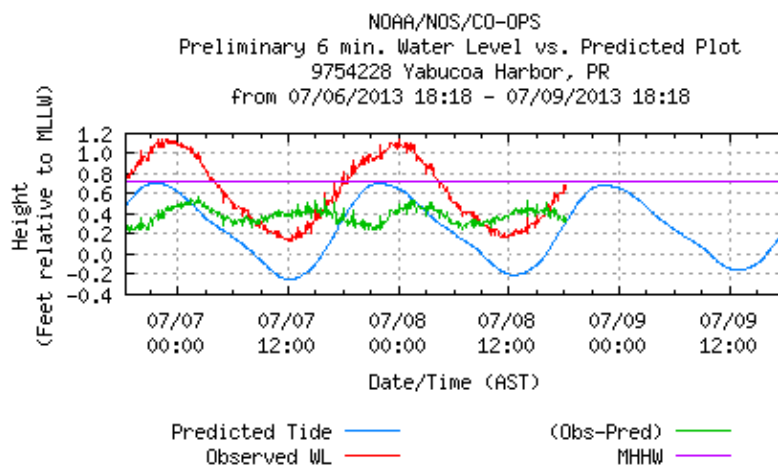
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)

Barometric Pressure: 1016.1 mb

Yabucoa Harbor, PR - Return to List

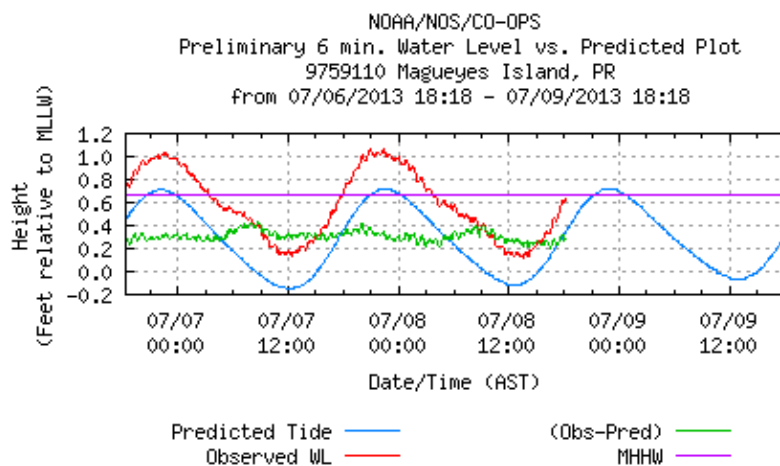


Last Observed Sample: 07/08/2013 18:12 (AST)

Relative to MLLW: Observed: 0.64 ft. Predicted: 0.32 ft. Residual: 0.32 ft.

Historical Maximum Water Level: n/a

Magueyes Island, PR - Return to List

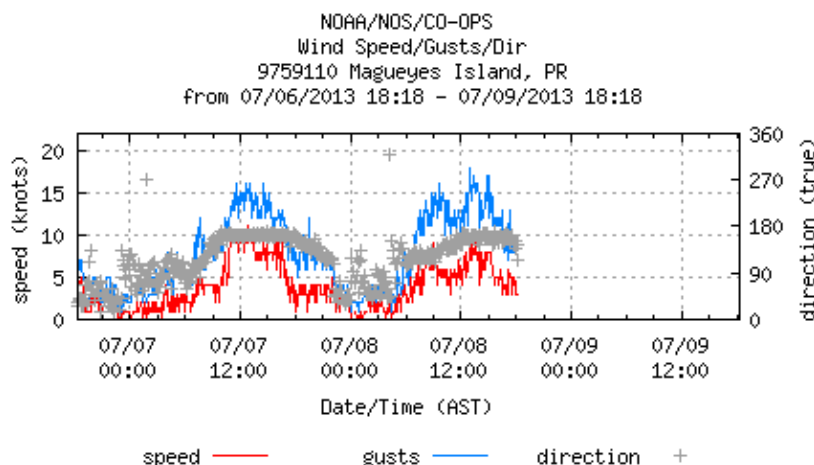


Last Observed Sample: 07/08/2013 18:12 (AST)

Relative to MLLW: **Observed: 0.64 ft.** **Predicted: 0.35 ft.** **Residual: 0.29 ft.**

Historical Maximum Water Level: Sep 22 1998, 2.26 ft. above MLLW

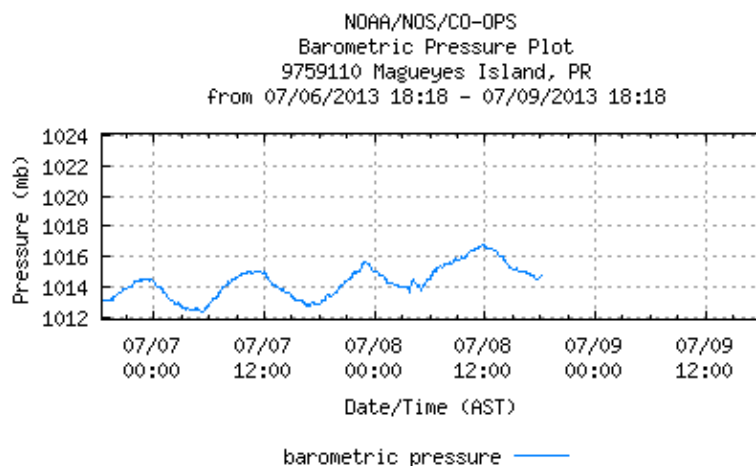
Magueyes Island, PR - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)

Wind Speed: 3 knots **Gusts: 9 knots** **Direction: 146° T**

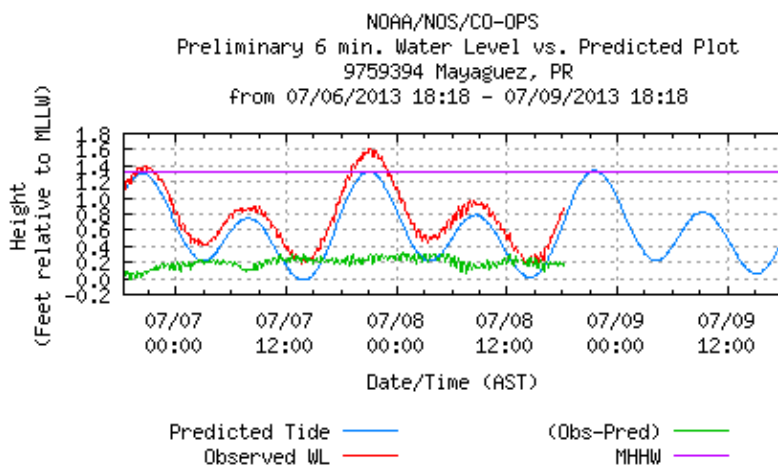
Magueyes Island, PR - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)

Barometric Pressure: 1014.8 mb

Mayaguez, PR - Return to List

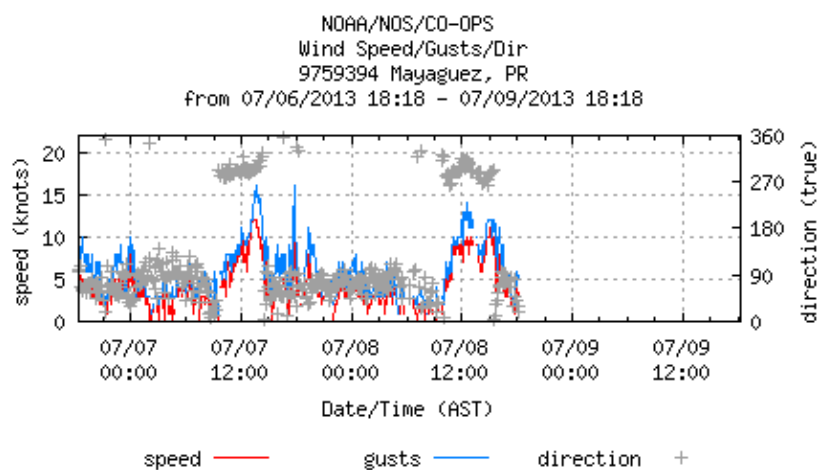


Last Observed Sample: 07/08/2013 18:12 (AST)

Relative to MLLW: **Observed: 0.86 ft.** **Predicted: 0.71 ft.** **Residual: 0.15 ft.**

Historical Maximum Water Level: Jul 13 2010, 2.17 ft. above MLLW

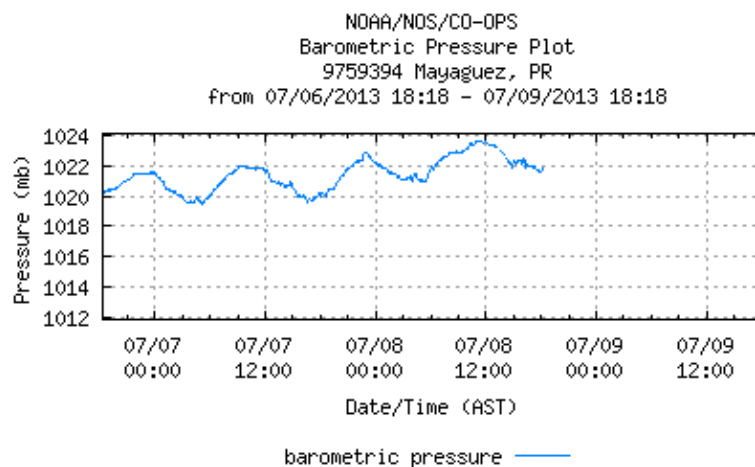
Mayaguez, PR - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)

Wind Speed: 3 knots Gusts: 5 knots Direction: 17° T

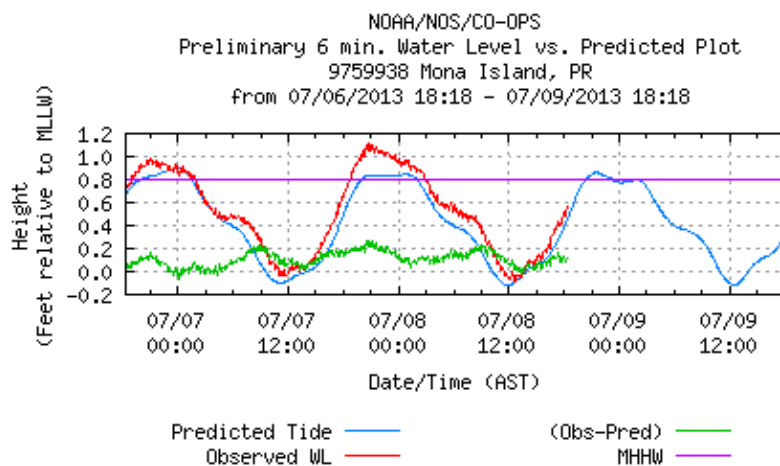
Mayaguez, PR - Return to List



Last Observed Sample: 07/08/2013 18:12 (AST)

Barometric Pressure: 1021.8 mb

[Mona Island, PR - Return to List](#)

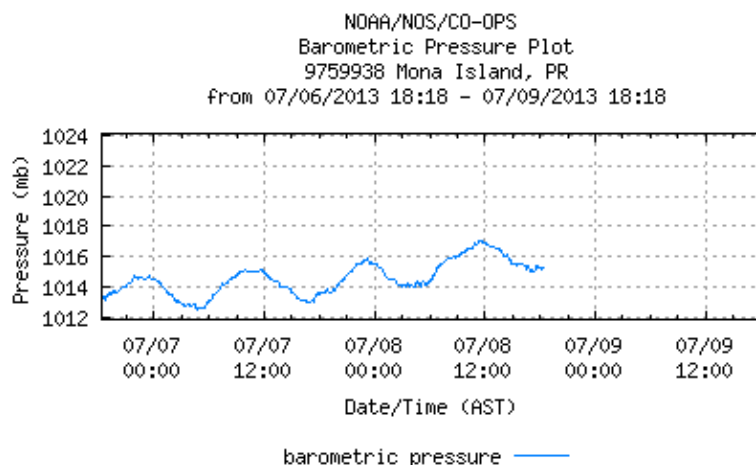


Last Observed Sample: 07/08/2013 18:18 (AST)

Relative to MLLW: **Observed: 0.56 ft.** **Predicted: 0.45 ft.** **Residual: 0.11 ft.**

Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

[Mona Island, PR - Return to List](#)



Last Observed Sample: 07/08/2013 18:18 (AST)

Barometric Pressure: 1015.3 mb